

**ENHANCED BURNER PERFORMANCE GAS RANGE
SYSTEM AND METHOD**

ABSTRACT

[0034] An enhanced gas range system includes a pressure regulator adapted to regulate a gas flow from a gas feed line. The system also includes a gas fuel boost pump disposed downstream of the pressure regulator and adapted to increase pressure of the gas flow received from the gas feed line. A gas burner is disposed to receive the gas flow from the gas fuel boost pump.